

Delphi Prism 2010 - Why Delphi Prism

Decrease development time with a complete solution for .NET

Delphi Prism provides everything a .NET developer needs to quickly and easily create powerful applications. It supports development against multiple versions of the .NET Framework including 3.5 and 4.0. It includes design-time and runtime support for Windows Forms, ASP.NET, Windows Presentation Foundation (WPF), Parallel FX and LINQ.

Push the envelope with a powerful, full-featured development language

Delphi Prism provides a highly readable, advanced language for the Microsoft .NET Framework and other implementations of the Common Language Runtime (CLR). While staying true to its Delphi and Pascal roots, the modern Delphi Prism language helps developers move into the future by providing innovative language features such as Aspect Oriented Programming (AOP), generics, sequences, queries, and parallel computing.

Work with all your data sources

Delphi Prism leverages ADO.NET for database connectivity in .NET applications. In addition, Delphi Prism provides developers with a database access framework called dbExpress for fast, easy access to Embarcadero's InterBase[®] and Blackfish[™] SQL databases. ASP.NET developers can provide support for membership, roles, profiles, and the other features of the ASP.NET provider interface for multiple backend databases.

Gain deployment flexibility for .NET, Mac and Linux

Delphi Prism supports development for the Mono platform and other implementations of the .NET CLR. Developers can compile code against multiple CLR platforms, including Mono for Linux and for the Mac for cross-platform deployment. The Delphi Prism compiler is a completely native .NET application and can move to other CLR implementations such as Mono. And Delphi Prism will run under these alternative CLR platforms and supports cross-linking against them.

Make the connection to multi-tier

With Delphi Prism Enterprise, developers can create .NET client applications that interact with Windows native DataSnap application servers developed with Delphi. Clients can access server methods as well as the traditional IAppServer interface-based DataSnap servers.

Design for the desktop with Windows Forms and WPF

With Delphi Prism, you can leverage the powerful and time-proven Windows Forms designer in Visual Studio, including support for partial classes and choose from the wide variety of available third party WinForms components. If you choose to use Windows Presentation Foundation (WPF) for desktop applications, Delphi Prism provides full design-time and run-time support for WPF.

Bring new power to your Web applications

For Web application development, Delphi Prism provides full support for ASP.NET and for Silverlight when installed into Visual Studio 2008. Delphi Prism developers can use the full extent of the Visual Studio designers for these platforms as well as the entire ecosystem of third-party components for these web development platforms.

Deploy database apps royalty free with an included fully managed database

Delphi Prism includes a full deployment license for Blackfish SQL. Emphasizing database performance, scalability, ease of use, and a strong adherence to industry standards, Blackfish SQL is a high-performance, small-footprint, SQL-92 compliant transactional database which runs on both the .NET framework and on the Java platform. It supports writing its stored procedures in the Delphi Prism language or any other CLR compliant language.

Gain access to the rich Visual Studio and .NET ecosystem

Based on Visual Studio Shell, Delphi Prism can plug into the rich world of Visual Studio plug-ins and components. Delphi Prism can use any and all third-party components from commercial, open-source, and freeware vendors. Delphi Prism can take advantage of Visual Studio plug-ins, MSBuild actions, and other products from the Visual Studio Community.